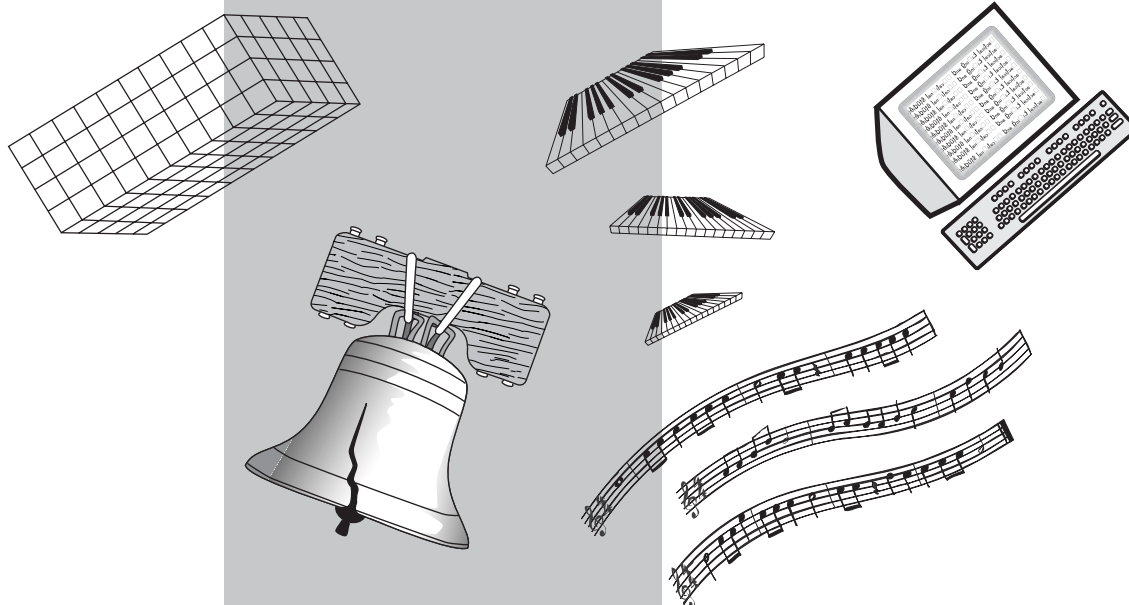
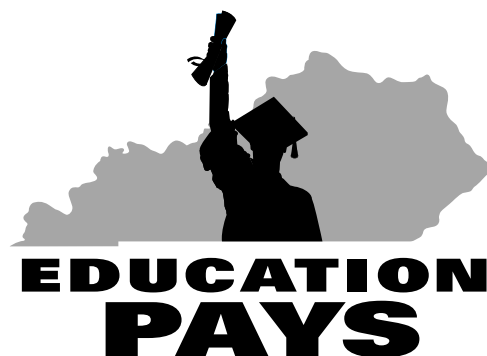


RELEASE FORM  
GRADE 8  
SPRING 1999

COMMONWEALTH ACCOUNTABILITY TESTING SYSTEM  
KENTUCKY CORE CONTENT TEST-SPRING 1999

**RELEASE FORM**

*GRADE 8*



**RELEASE FORM**

NOTICE: This test form released for school use Spring 1999.

*The following is the general guide that will be used to evaluate your answers to the open-response questions in this test.*

## KENTUCKY GENERAL SCORING GUIDE

### SCORE POINT 4

- You complete all important components of the question and communicate ideas clearly.
- You demonstrate in-depth understanding of the relevant concepts and/or processes.
- Where appropriate, you choose more efficient and/or sophisticated processes.
- Where appropriate, you offer insightful interpretations or extensions (generalizations, applications, analogies).

### SCORE POINT 3

- You complete most important components of the question and communicate clearly.
- You demonstrate an understanding of major concepts even though you overlook or misunderstand some less-important ideas or details.

### SCORE POINT 2

- You complete some important components of the question and communicate those components clearly.
- You demonstrate that there are gaps in your conceptual understanding.

### SCORE POINT 1

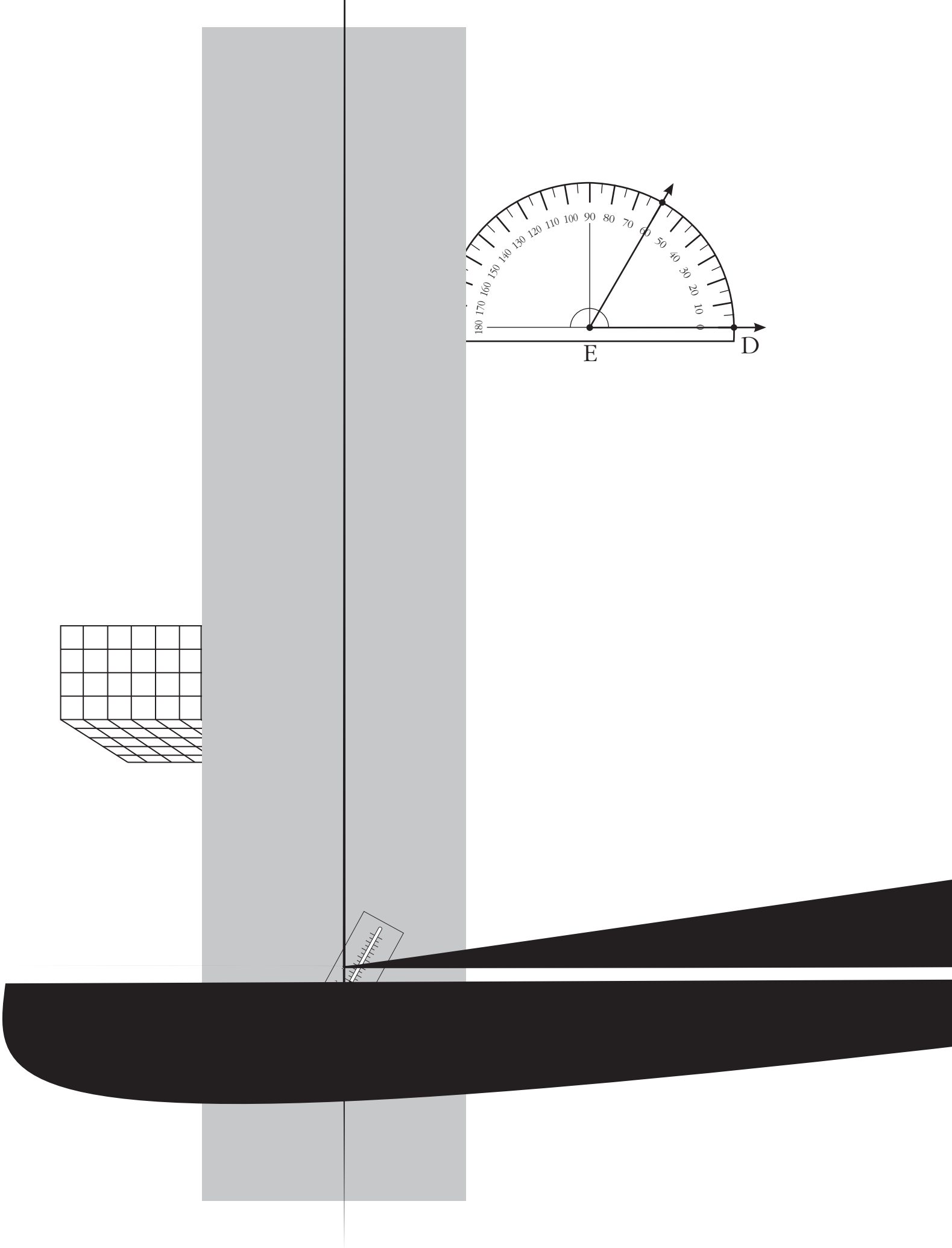
- You show minimal understanding of the question.
- You address only a small portion of the question.

### SCORE POINT 0

- Your answer is totally incorrect or irrelevant.

### BLANK

- You did not give any answer at all.



# MATHEMATICS – SECTION A

This test section contains nine multiple-choice and three open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Mathematics). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

1. At Lake View Middle School, there are 900 boys. The ratio of boys to girls is 5 to 4. How many **girls** are there in the school?
- A. 400  
B. 550  
C. 720  
D. 975

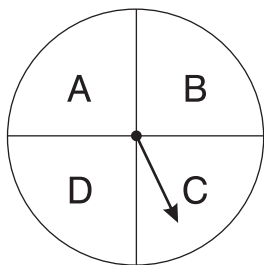
2. Mary correctly used the order of operations to answer the following problem:

$$20 - 8 \cdot 4 \div 2 + 6$$

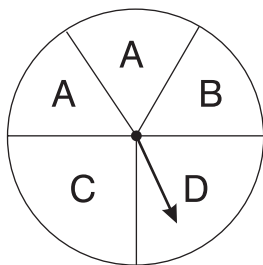
What is Mary's answer?

- A. 0  
B. 6  
C. 10  
D. 30

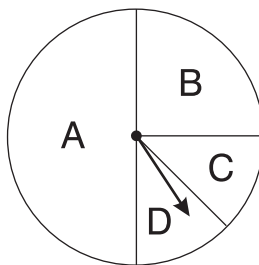
Use the spinners below to answer question 3.



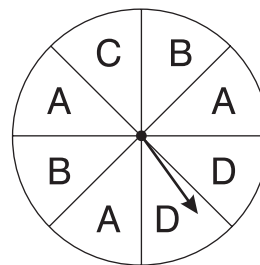
**Spinner 1**



**Spinner 2**



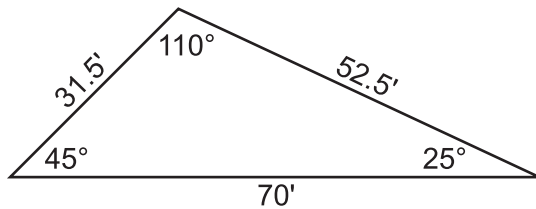
**Spinner 3**



**Spinner 4**

3. Which spinner represents that the probability of spinning an A is  $\frac{1}{3}$ ?
- A. Spinner 1  
B. Spinner 2  
C. Spinner 3  
D. Spinner 4

Use the triangle below to answer question 4.



4. The triangle shown above is an
- obtuse scalene triangle.
  - acute scalene triangle.
  - obtuse isosceles triangle.
  - acute isosceles triangle.
5. A bag of candy contains 2 cherry jawbreakers, 4 orange jawbreakers, and 6 grape jawbreakers. What is the probability of drawing a cherry jawbreaker out of the bag?
- $\frac{1}{2}$
  - $\frac{1}{6}$
  - $\frac{1}{8}$
  - $\frac{1}{12}$
6. Which expression represents the **greatest** value?
- 20 to the first power
  - the product of 20 and 1
  - 20 divided by 1
  - the sum of 20 and 1

Use the table below to answer question 7.

x	1	2	3	4
y	1	4		10

7. Study the pattern in the table above. What is the missing value of  $y$ ?
- 6
  - 7
  - 8
  - 9
8. A shirt is on sale for 25% off the original price,  $p$ . Which equation could you use to figure out the sale price,  $s$ , of the shirt?
- $p = s + 25$
  - $s = p - .25$
  - $p = s + .25s$
  - $s = p - .25p$
9. Evaluate the expression:  
 $3a - 2(b + 9)$ , where  $a = 5$  and  $b = 6$ .
- 15
  - 10
  - 15
  - 30

# MATHEMATICS OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 10, 11, and 12 in the spaces provided on pages \_\_, \_\_, and \_\_ of your Student Response Booklet (Mathematics). Use the grid provided in your Student Response Booklet to create any required charts or graphs. If a question does not require a chart or graph, write your written response over the grid lines. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 10 in the space provided on page \_\_ of your Student Response Booklet.**

## *Martin's Three-Digit Number*

10. Martin said, "I am thinking of a whole number between 100 and 300.
- The number is divisible by 3 but not by 9.
  - The ones digit is the sum of the hundreds digit and the tens digit."
- a. Show why 153 cannot be Martin's number.
  - b. Find **all** the numbers that match Martin's clues. Show all your work.
  - c. Write one more clue that would limit the answer in **part b** to one and only one correct number.

**Write your answer to question 11 in the space provided on page \_\_ of your Student Response Booklet.**

## *Postal Rates*

11. Susan is going to the post office to mail six items. For each item, the post office charges 33¢ for the first ounce of mail and 23¢ for each additional ounce.
- a. Copy and complete the table below in your Student Response Booklet showing how much it would cost Susan to mail **each** of her six items if the first item weighs one ounce, the second item weighs two ounces, the third item weighs three ounces, and so on up to the sixth item which weighs six ounces.

ounces	cost
1	
2	
3	
4	
5	
6	

- b. How much would it cost Susan to mail an item that weighs 25 ounces?
- c. Write an expression that shows the cost of mailing an item that weighs  $n$  ounces, and explain your reasoning.

Write your answer to question 12 in the space provided on page \_ of your Student Response Booklet.

*Tasha and Kelly's TV Channels*

12. Tasha and Kelly are watching television, each in her own home. Tasha can get five cable channels, but Kelly can get only four. The charts below show the channels that each girl receives.

<u>Tasha's Channels</u>
A
B
C
D
E

<u>Kelly's Channels</u>
A
B
F
G

- List all possible combinations of channels that can be watched by the two girls. Show your work.
- What is the theoretical probability that Tasha and Kelly are watching the same channel? Show your work or explain your reasoning.
- What is the theoretical probability that they are watching different channels? Show your work or explain your reasoning.

BE SURE TO LABEL YOUR RESPONSES (a), (b), AND (c).

**PLEASE STOP!**

# MATHEMATICS – SECTION B

This test section contains nine multiple-choice and two open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Mathematics). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

13. A regular hexagon has sides of 3.7 meters. What is the perimeter of the hexagon?


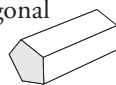
A. 29.6 meters  
B. 22.2 meters  
C. 18.5 meters  
D. 13.7 meters

14. What is the **median** of the set of data shown below?

26, 33, 37, 32, 24, 35, 29, 38

A. 24.5  
B. 28  
C. 32.5  
D. 35

Use the chart below to answer question 15.

Type of prism	Number of vertices	Number of faces	Number of edges
Triangular prism 	6	5	9
Pentagonal prism 	?	?	?

15. Which set of numbers will correctly complete the chart above?

A. 4, 8, 12  
B. 5, 5, 10  
C. 10, 7, 15  
D. 12, 10, 16

16. In an advertising slogan the Sweetheart Candy Company claims that 40% of the mixed mints in each bag they sell are pink. In a random sample of 30 mixed mints from one bag, about how many mints are likely to be pink?

A. 4  
B. 7  
C. 12  
D. 17

17. The speed of light in a vacuum is 29,980,000,000 centimeters per second. In scientific notation, this number is written as

A.  $2.998 \times 10^9$ .  
B.  $2.998 \times 10^{10}$ .  
C.  $29.98 \times 10^9$ .  
D.  $29.98 \times 10^{10}$ .

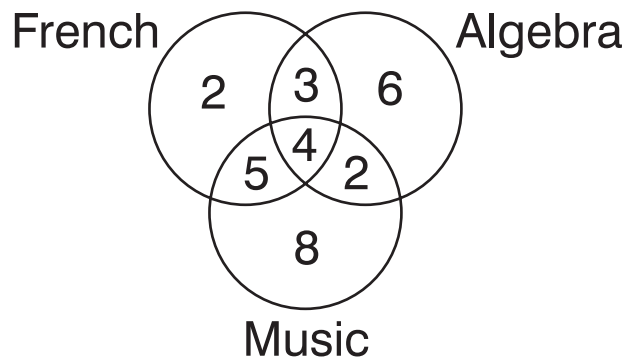
18. Jason is planning to go to a concert. He has \$25.00. A ticket costs \$11.75. Which inequality represents the amount of money Jason can spend on refreshments?

A.  $x + 11.75 \leq 25$   
B.  $x - 11.75 \leq 25$   
C.  $x + 11.75 \geq 25$   
D.  $x - 11.75 \geq 25$



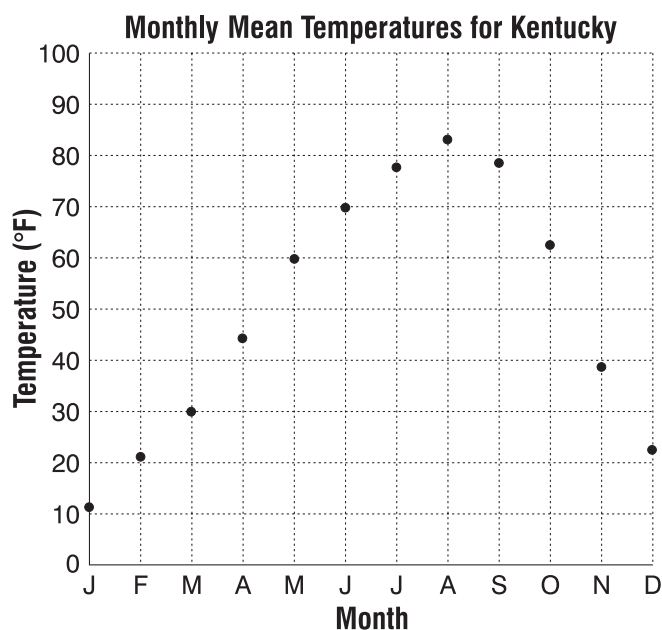
19. A taxi ride costs \$1.25 plus 50¢ for each mile, and 30¢ for each minute of waiting time. How much does a 6-mile ride cost if 2.5 minutes are spent waiting at stoplights?
- A. \$2.05
  - B. \$4.55
  - C. \$5.00
  - D. \$8.30

Use the Venn diagram below to answer question 20.



20. At Kentucky Middle School, students may take up to three electives. The Venn diagram above shows the numbers of students in Mrs. Lawton's homeroom class who are taking the electives of music, French, and/or algebra. What is the **total** number of students who are taking **both** French and algebra?
- A. 22
  - B. 7
  - C. 4
  - D. 3

Use the graph below to answer question 21.



21. The graph above shows the mean temperature in Kentucky for each month from January through December. How many months is the mean temperature below freezing? (Freezing is  $32^{\circ}\text{F}$ .)
- A. 1
  - B. 3
  - C. 4
  - D. 5

# MATHEMATICS OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 22 and 23 in the spaces provided on pages \_ and \_ of your Student Response Booklet (Mathematics). Use the grid provided in your Student Response Booklet to create any required charts or graphs. If a question does not require a chart or graph, write your written response over the grid lines. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 22 in the space provided on page \_ of your Student Response Booklet.**

## *Block Figures*

22. Brad wants to make a sandbox in the shape of a rectangle. He plans to cut a 16-foot-long piece of wood into four pieces and use each piece to make a side of the sandbox.
- Copy and complete in your Student Response Booklet the chart below listing **four** possible pairs of dimensions (length and width) for the sides of the sandbox.

length (l)	width (w)

- Using the pairs in your chart from **part a**, graph the points on the grid provided in your Student Response Booklet. Label the axes of your graph as  $l$  and  $w$ .
- Given the pairs of numbers in your chart, what is the relationship between the length and width of the sandbox?

Write your answer to question 23 in the space provided on page \_ of your Student Response Booklet.

*Olympic 200-Meter Times*

Use the table below to answer question 23.

**Olympic 200-Meter Backstroke**

YEAR	TIME	COUNTRY
1968	2:24	United States
1972	2:19	United States
1976	2:13	E. Germany
1980	2:11	E. Germany
1984	2:12	Netherlands
1988	2:09	Hungary
1992	2:07	Hungary
1996	2:08	Hungary

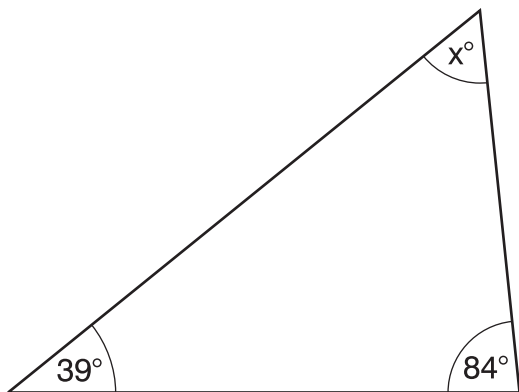
23. The women's 200-meter backstroke is one event of the summer Olympics, which are held every four years. The table above shows the winning times (in minutes and seconds) of the event since 1968.
- Graph the numeric data from the table on the grid provided in your Student Response Booklet.
  - Describe the trend that is displayed by the graph.
  - Based on the data and your graph, predict a reasonable winning time for the women's 200-meter backstroke in the year 2000. Explain your reasoning.

**PLEASE STOP!**

# MATHEMATICS – SECTION C

This test section contains six multiple-choice questions and one open-response (short-answer) question. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Mathematics). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

Use the figure below to answer question 24.



24. What is the measure of angle  $x$  in the figure above?

- A.  $57^\circ$
- B.  $77^\circ$
- C.  $237^\circ$
- D.  $257^\circ$

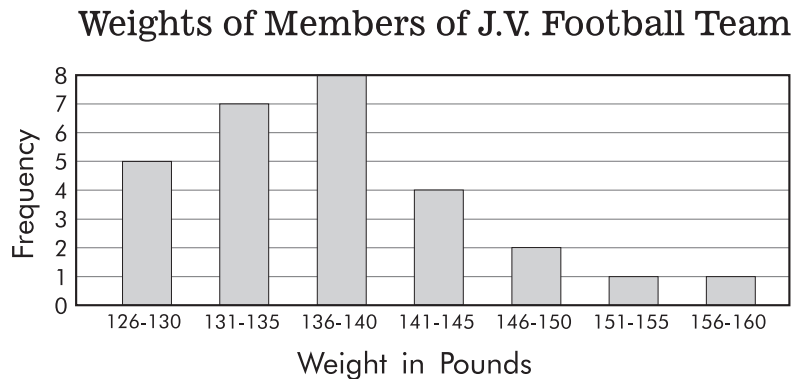
25. Solve the following equation:

$$4x - 3 = 12 + x$$

- A.  $x = 45$
- B.  $x = 15$
- C.  $x = 5$
- D.  $x = 3$

26. The regular price of a compact disc player is \$210. It is on sale for 22% off the regular price. If a 6% sales tax is added, what will be the **total** cost of this compact disc player?
- A. \$153.97
  - B. \$163.80
  - C. \$173.63
  - D. \$176.40

Use the histogram below to answer question 27.



27. The frequency histogram above shows the weights of the members of a junior varsity football team. What percent of the 28-member team weighs at least 141 pounds but less than 156 pounds?
- A. 15%
  - B. 25%
  - C. 35%
  - D. 45%
28. On six consecutive days, the low temperature in a city was  $-6^{\circ}\text{C}$ ,  $3^{\circ}\text{C}$ ,  $0^{\circ}\text{C}$ ,  $4^{\circ}\text{C}$ ,  $-1^{\circ}\text{C}$ , and  $-9^{\circ}\text{C}$ . What was the **mean** low temperature for the six days?
- A.  $-1.8^{\circ}\text{C}$
  - B.  $-1.5^{\circ}\text{C}$
  - C.  $1.8^{\circ}\text{C}$
  - D.  $3.8^{\circ}\text{C}$
29. You and a friend have agreed to do a job which pays \$200 **total**. If the two of you together complete  $\frac{1}{4}$  of the overall job, how much should you and your friend **each** receive?
- A. \$12.50
  - B. \$25.00
  - C. \$50.00
  - D. \$100.00

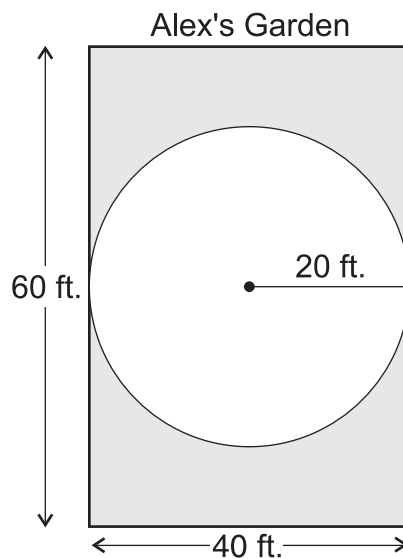
# MATHEMATICS OPEN-RESPONSE QUESTIONS

Read all parts of the open-response question before you begin. Write your answer to open-response question 30 in the space provided on page \_ of your Student Response Booklet (Mathematics). Use the grid provided in your Student Response Booklet to create any required charts or graphs. If a question does not require a chart or graph, write your written response over the grid lines. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

Write your answer to question 30 in the space provided on page \_ of your Student Response Booklet.

## *Alex's Garden*

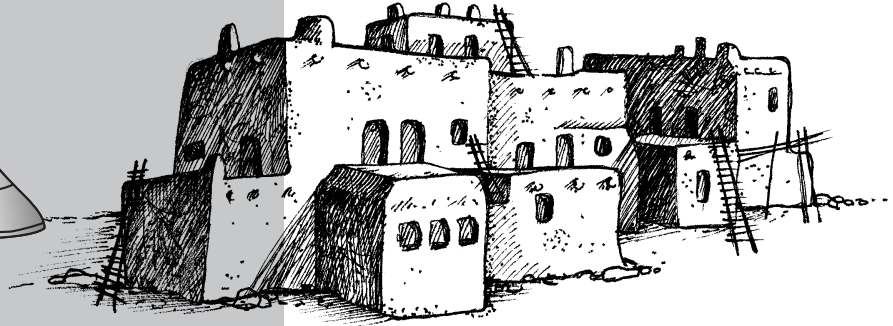
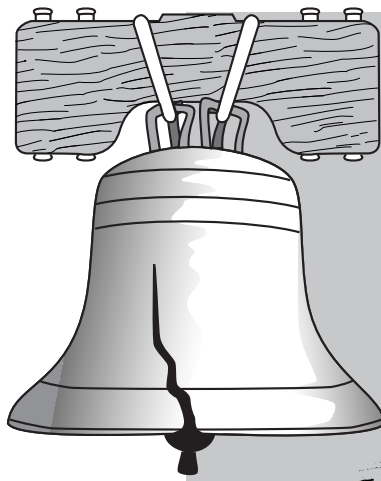
30. Alex is watering part of his garden with a sprinkler that covers a circular area shown in the diagram below.



- What is the total **area** of Alex's garden? Show your work.
- What is the **area** of the part of the garden that is being watered by the sprinkler? Express your answer to the nearest square foot. Show your work.
- What **percent** of his garden is being watered by the sprinkler? Express your answer to the nearest percent. Show your work.

BE SURE TO LABEL YOUR RESPONSES (a), (b), and (c).

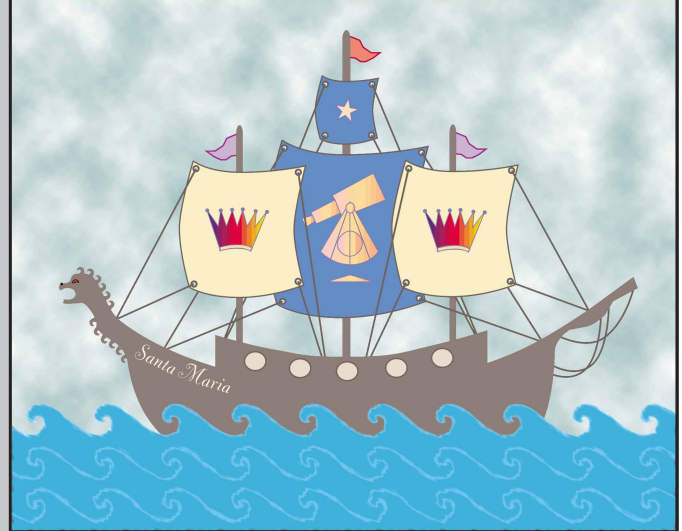
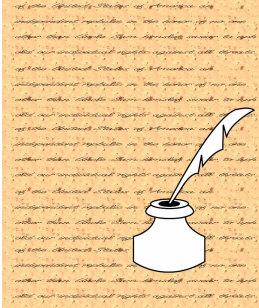
**PLEASE STOP!**



# *GRADE 8 SOCIAL STUDIES*



*We the people ...*





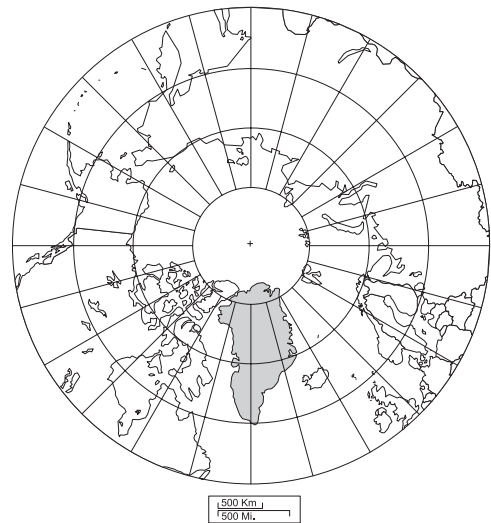
# SOCIAL STUDIES – SECTION A

This test section contains nine multiple-choice and three open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Social Studies). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

1. Apartheid was the South African policy of separating people based on their race. Policies such as these promote
  - A. peace.
  - B. discrimination.
  - C. social interaction.
  - D. equality.
2. As a result of Canada's history of exploration and settlement, the two major languages spoken in Canada are
  - A. English and Spanish.
  - B. Spanish and German.
  - C. Spanish and French.
  - D. French and English.
3. The Commonwealth of Kentucky is responsible for laws governing
  - A. state parks.
  - B. minting coins.
  - C. foreign trade.
  - D. the army.
4. Prairies, steppes, and savannas are all
  - A. desert regions.
  - B. tundra regions.
  - C. grassland regions.
  - D. forest regions.

5. What waterway constructed in Central America had the greatest impact on the increase of trade between the Atlantic and Pacific coasts of the United States?
  - A. Erie Canal
  - B. Panama Canal
  - C. Suez Canal
  - D. Grand Canal

Use the map below to answer question 6.



6. The shaded area on this map represents
  - A. latitude.
  - B. longitude.
  - C. a land mass.
  - D. a body of water.

7. Which earlier civilization most influenced the Roman Empire?
- A. Phoenician
  - B. Greek
  - C. Incan
  - D. Etruscan
8. Increased productivity in business contributes to
- A. lower wages.
  - B. a decreased risk for business.
  - C. economic growth.
  - D. a reduced supply of goods.
9. One way a president can check or limit the power of Congress is to
- A. declare a law unconstitutional.
  - B. refuse to ratify a treaty.
  - C. veto a bill.
  - D. amend the U.S. Constitution.

# SOCIAL STUDIES OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 10, 11, and 12 in the spaces provided on pages \_\_, \_\_, and \_\_ of your Student Response Booklet (Social Studies). DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

Write your answer to question 10 in the space provided on page \_\_ of your Student Response Booklet.

## Cities

Use the map below to answer question 10.



10. In the United States, the growth and development of any city may depend on a variety of factors.
- Select a city shown on the United States map above.
  - Choose **two** factors in city growth from the list below and explain why each factor was important to the growth and development of the city you chose in **part a**.

### Factors in City Growth

- Physical resources (such as local plants, animals, minerals, water supply, soil quality)
- Human resources (such as local population, culture, skills, education)
- Location (such as access to trade routes, transportation, recreation areas)
- Climate (such as growing season, precipitation, natural disasters)

Write your answer to question 11 in the space provided on page \_ of your Student Response Booklet.

### *Differences*

11. Social, economic, and cultural differences developed between the North and South in the early 1800s.
- Describe **two** differences between the North and South in this period.
  - Explain how these differences led to the Civil War.

Write your answer to question 12 in the space provided on page \_ of your Student Response Booklet.

### *Scales of Justice*

Use the illustration below to answer question 12.



12. “Lady Justice” is a symbol of the United States justice system. As shown in the illustration above, she wears a blindfold and carries a balance scale. Explain how this symbol represents **two** characteristics of the U.S. justice system.

**PLEASE STOP!**

# SOCIAL STUDIES – SECTION B

This test section contains nine multiple-choice and two open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Social Studies). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

13. In the United States economy, one purpose of the government is to
- A. establish prices for most goods and services.
  - B. determine the number of people a company can hire.
  - C. determine what goods will be produced by the largest businesses.
  - D. establish rules and regulations that allow businesses to compete fairly.
14. In ancient Greece, male citizens over the age of 18 met in the Athenian Assembly every month to debate and vote on laws. This type of government in which citizens have the right to vote on the laws is called a
- A. military dictatorship.
  - B. direct democracy.
  - C. constitutional monarchy.
  - D. totalitarian government.
15. Which state has a primarily **rural** population?
- A. Wyoming
  - B. California
  - C. Michigan
  - D. New York
16. Which statement is **not** true of feudalism?
- A. Lords provided protection to serfs.
  - B. Serfs worked land owned by lords.
  - C. The Church had little influence.
  - D. Manors were self-sufficient.
17. Groups like the Humane Society, the National Dairy Association, and the National Rifle Association often take action to influence legislation and government policies. These groups and others like them are known as
- A. ethnic groups.
  - B. special interest groups.
  - C. labor unions.
  - D. political parties.
18. Which group of people immigrated to the United States in the 1840s because a potato famine caused starvation in their home country?
- A. Chinese
  - B. Canadians
  - C. Italians
  - D. Irish
19. The legislative branch of the federal government includes the
- A. Supreme Court.
  - B. advisers to the president.
  - C. House of Representatives and Senate.
  - D. governors of states.

20. At the beginning of the Revolutionary War, the Americans had the advantage of having
- A. a strong navy.
  - B. experienced troops.
  - C. motivation for independence.
  - D. highly paid soldiers.
21. When people borrow money from a bank, they pay back the amount borrowed plus
- A. principal.
  - B. taxes.
  - C. interest.
  - D. savings.

# SOCIAL STUDIES OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 22 and 23 in the spaces provided on pages \_ and \_ of your Student Response Booklet (Social Studies). DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 22 in the space provided on page \_ of your Student Response Booklet.**

## *Uniforms*

22. Many public schools are debating whether students should be required to wear uniforms.
- Discuss **two pros** and **two cons** of requiring school uniforms.
  - Explain how requiring school uniforms relates to students' First Amendment rights.

**Write your answer to question 23 in the space provided on page \_ of your Student Response Booklet.**

## *Mass Media*

23. In our society today, the mass media (television, radio, newspapers, magazines, movies) influence the thinking of many Americans. Discuss how the media influence public opinion in America. In your discussion include one positive **and** one negative way the media impact public opinion.

**PLEASE STOP!**

# SOCIAL STUDIES – SECTION C

This test section contains six multiple-choice questions and one open-response (short-answer) question. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Social Studies). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

24. Serving on juries, obeying laws, and voting in elections are examples of
- A. rights guaranteed by the Bill of Rights.
  - B. responsibilities of United States citizens.
  - C. requirements for government jobs.
  - D. requirements for holding public office.
25. Democratic societies accept the principle that the majority should rule. This principle is based upon all of the following ideas **except**
- A. people should choose their own government.
  - B. there will be some differences of opinion on issues.
  - C. whatever the majority does is right.
  - D. the judgment of many people is likely to be better than the judgment of a few.
26. Which crop was the biggest cash crop in the American South during the 1800s?
- A. cotton
  - B. rice
  - C. corn
  - D. wheat
27. One of the reasons Colonial America became prosperous was
- A. taxation by the British government.
  - B. unexpected discoveries of gold and silver.
  - C. trade with European countries.
  - D. trade with Asian countries.
28. The signing of the Magna Carta was important because it
- A. promoted a feudal society in the New World.
  - B. gave all government power to the king and noblemen.
  - C. concentrated government power in a few individuals.
  - D. established the principle of limited government power.
29. If there is less demand for cassette tapes in the stores and no change in the supply, what will most likely happen to the price of the cassette tapes?
- A. The price will decrease.
  - B. The price will increase.
  - C. The price will not go up or down.
  - D. The price will be regulated by the government.



# SOCIAL STUDIES OPEN-RESPONSE QUESTIONS

Read all parts of the open-response question before you begin. Write your answer to open-response question 30 in the space provided on page \_ of your Student Response Booklet (Social Studies). DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 30 in the space provided on page \_ of your Student Response Booklet.**

## *Business Competition*

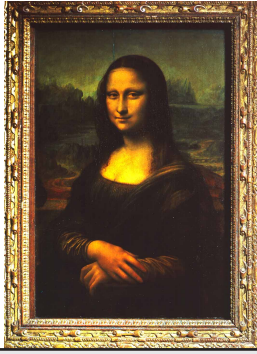
30. Joe and Bill operate gas stations located across the street from one another. Usually, Joe and Bill charge \$1.11 a gallon at their gas stations. One day, Joe decided to lower the price of his gas to \$1.05 a gallon. Explain some ways this will affect both gas stations.

**PLEASE STOP!**

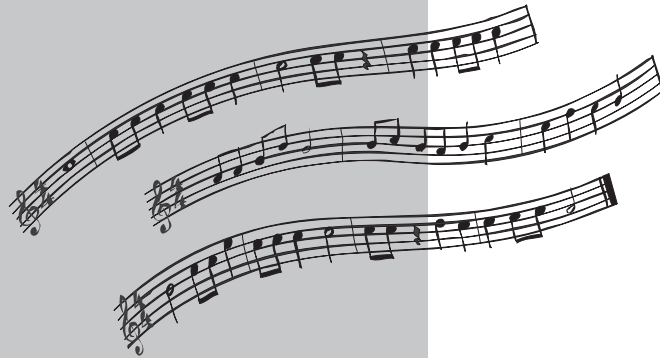
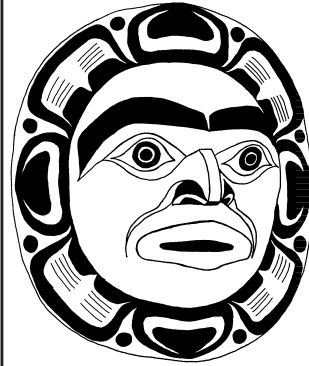
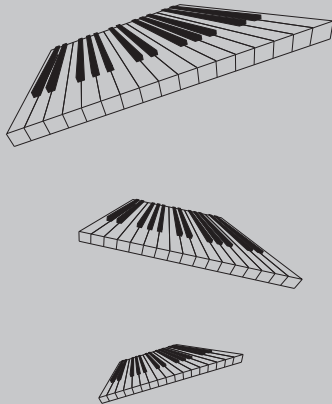
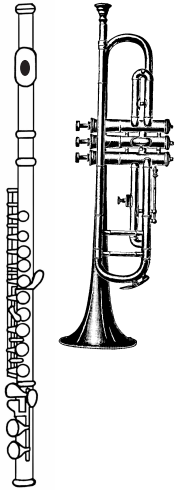
**25**

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**THIS TEST FORM RELEASED FOR SCHOOL USE SPRING 1999.**



*GRADE 8*  
*ARTS & HUMANITIES*



# ARTS AND HUMANITIES

This test section contains eight multiple-choice and two open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Arts and Humanities). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

1. Which production element could **best** aid in the presentation of an historical play?
- A. lighting
  - B. makeup
  - C. music
  - D. costumes

2. Which of the following voices usually sings the highest part?
- A. soprano
  - B. alto
  - C. tenor
  - D. bass

3. An artist uses the principle of emphasis to make a part of a picture stand out. Which of the following is **not** a way to show emphasis in a picture?
- A. to make one part a brighter or different color than the other parts
  - B. to make one large central object
  - C. to make one shape different from the others
  - D. to make a pattern across the page

4. Where did jazz music originate?
- A. New York
  - B. New Orleans
  - C. Chicago
  - D. Memphis

5. A long, uninterrupted speech spoken by a character in a play is a
- A. dialogue.
  - B. pantomime.
  - C. monologue.
  - D. scene.

6. Which of the following shapes **best** illustrates symmetry?

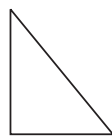


Figure 1

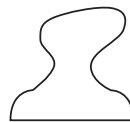


Figure 2



Figure 3

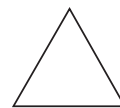


Figure 4

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

7. The term **pianissimo** describes music that is played
- A. softly.
  - B. loudly.
  - C. very softly.
  - D. very loudly.

8. Sometimes a dancer begins making small movements and gradually increases the size of the movements until they take up a greater stage area. This is an example of the use of
- A. tempo.
  - B. beat.
  - C. space.
  - D. force.

# ARTS AND HUMANITIES OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 9 and 10 in the spaces provided on pages \_ and \_ of your Student Response Booklet (Arts and Humanities). DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 9 in the space provided on page \_ of your Student Response Booklet.**

## *The Old Guitarist*

*Refer to the Arts and Humanities color Art Reference Sheet to help you answer question 9.*



Pablo Picasso (Spanish 1881-1973). *The Old Guitarist*, 1903. Oil on panel, 122.9 x 82.6 cm, Helen Birch Bartlett Memorial Collection, 1926.253. Photograph © 1998, The Art Institute of Chicago. All rights reserved. Reprinted with permission.

9. One of the purposes of art is to provide a way for artists to express emotions such as joy, sadness, or anger.
- Look at the painting *The Old Guitarist* by Pablo Picasso which is shown above and on the color Art Reference Sheet. Identify the emotion that you think the artist is expressing in this painting.
  - Describe **three** ways that the artist expresses this emotion in the painting. Discuss **three** elements of art (such as color, value, space, form, or texture) in your answer.

**Write your answer to question 10 in the space provided on page \_ of your Student Response Booklet.**

*Character Portrayal*

10. In theater, actors use their bodies in different ways to help portray different characters. Imagine you are in a stage play and your role is that of a very old person who does not have a speaking part. Describe **four** different physical movements you could use to help show your character's age.

**PLEASE STOP!**

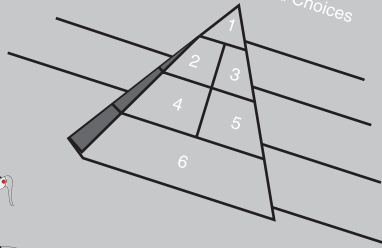
**30**

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**THIS TEST FORM RELEASED FOR SCHOOL USE SPRING 1999.**



# Food Guide Pyramid A Guide to Daily Food Choices



## Employment Application

### PERSONAL INFORMATION

Date		Social Security Number	
Name	Last	First	Middle
Present Address	Street	City	State
Permanent Address	Street	City	State
Phone No.	Street	City	State

### EMPLOYMENT DESIRED

Position	Date You can start?
Are you employed now?	If so, may we inquire of your present employer?
Ever applied to this company before?	

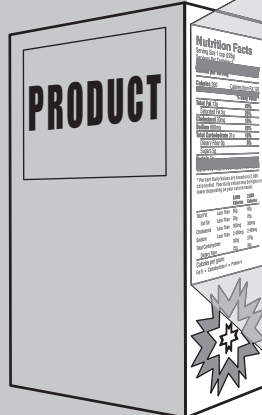
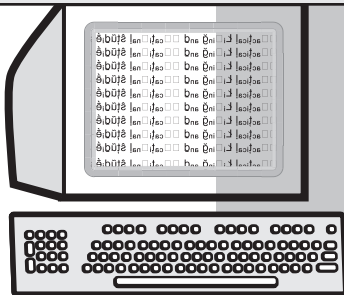
### EDUCATION

	Name and Location of School	Years Attended	Diploma / Degree	Subjects Studied
Grammar School				
High School				
College				

# GRADE 8 PRACTICAL LIVING & VOCATIONAL STUDIES



# EDUCATION PAYS



## Nutrition Facts

Serving Size 1 cup (228g)  
Servings Per Container 2

Amount per serving	
<b>Calories 260</b>	Calories from Fat 120
% Daily Value *	
<b>Total Fat 13g</b>	<b>20%</b>
Saturated Fat 5g	<b>25%</b>
<b>Cholesterol 30mg</b>	<b>10%</b>
<b>Sodium 660mg</b>	<b>28%</b>
<b>Total Carbohydrate 31g</b>	<b>10%</b>
Dietary Fiber 0g	<b>0%</b>
Sugars 5g	
<b>Protein 5g</b>	

Vitamin A 4% • Vitamin C 2% • Calcium 15% • Iron 4%

\* Percent Daily Values are based on a 2,000 calorie diet. Your daily values

	2,000 Calories	2,500 Calories
Total Fat	Less Than 65g	80g
Sat Fat	Less Than 20g	25g
Cholesterol	Less Than 300mg	300mg
Sodium	Less Than 2,400mg	2,400mg
Total Carbohydrate	300g	375g
Dietary Fiber	25g	30g

Calories per gram:

Fat 9 • Carbohydrate 4 • Protein 4



0 076783 002951

# PRACTICAL LIVING/VOCATIONAL STUDIES

This test section contains eight multiple-choice and two open-response (short-answer) questions. Please mark your answers for the multiple-choice questions in the spaces provided on page \_ of your Student Response Booklet (Practical Living/Vocational Studies). Mark only one answer for each question. If you do not know the answer, make your best guess. DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET. WHEN YOU FINISH, DO NOT WORK ON ANY OTHER TEST SECTION.

1. Which **best** helps to prevent disagreements with others?
  - A. ability to communicate effectively
  - B. competition for popularity
  - C. desire to tell others what to do
  - D. inability to compromise
2. Which action would help **prevent** the spread of colds and flu?
  - A. washing hands often
  - B. sharing food and drinks
  - C. using a handkerchief instead of tissue
  - D. taking over-the-counter medications
3. Which is an example of **visible** body changes that are a result of exercise?
  - A. larger hands, longer arms, longer legs
  - B. increased endurance, stronger muscles, decreased appetite
  - C. increased heart rate, increased flexibility, healthier lungs
  - D. increased muscle mass, firmer body, less body fat
4. Which is **not** a basic throwing method?
  - A. overhand
  - B. sidearm
  - C. straightarm
  - D. underhand
5. A collection of materials that relates to a person's work and education goals is called
  - A. an interest survey.
  - B. a career portfolio.
  - C. a job interview.
  - D. a job classification.
6. When faced with a challenge to do your best work, the **first** step you should take is to
  - A. ignore the challenge.
  - B. work longer hours.
  - C. develop a plan.
  - D. ask for help.
7. The role of a consumer is to
  - A. sell goods and services to others.
  - B. keep a record of household expenses.
  - C. operate a large business.
  - D. make purchasing selections.
8. Which is considered a **primary** sign of anorexia nervosa?
  - A. a fat-free diet
  - B. extreme weight loss
  - C. binge eating
  - D. lack of exercise



# PRACTICAL LIVING/VOCATIONAL STUDIES

## OPEN-RESPONSE QUESTIONS

Read all parts of each open-response question before you begin. Write your answers to open-response questions 9 and 10 in the spaces provided on pages \_ and \_ of your Student Response Booklet (Practical Living/Vocational Studies). DO NOT WRITE ANY ANSWERS IN THIS TEST BOOKLET.

**Write your answer to question 9 in the space provided on page \_ of your Student Response Booklet.**

### *Small Business*

9. You want to start a small business (for example, lawn care or babysitting) to earn some extra money.
- Describe a business that you could start and explain how it matches your personal strengths.
  - Describe three strategies you could use to convince others that you are the person to hire.

**Write your answer to question 10 in the space provided on page \_ of your Student Response Booklet.**

### *Water-Quality Regulations*

10. Regulations are used to ensure the quality of public water. Two examples of these regulations are listed below.
- The use of lead pipes is prohibited.
  - Standards must be set for allowable chemical levels in the water.
- Explain in detail **two** reasons why the government has established these types of regulations.
  - Identify **two** different sources you could use to get help or information if you thought your water supply was unsafe.
  - Explain the specific type(s) of information you could obtain from **each** source you identified in **part b**.

**PLEASE STOP!**

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